

Project Aviation Plan
Aerial Sketchmapping Survey
Wayne National Forest

Project Coordinator: Richard Turcotte, Entomologist, USDA Forest Service,
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Objectives: To sketch map the location, intensity and area affected by
forest pests, especially defoliating insects, disease, and
weather related damages on the Wayne National Forest.

Justification: This is the annual aerial defoliations survey of the Wayne
National Forest.

Proposed dates: June 12-20 (weather permitting)

Flight route: The plane will depart from the Ohio University Airport
(UNI) and proceed to the northern border of the Marietta
Unit and progress southward. After completion of this
survey the plane will fly to the northern border of the
Athens Ranger District and begin that portion of the survey.
After completion of this survey the plane will return to the
Ohio University Airport. If time and weather permit the
plane will fly to the Ashland-Boyd Airport (KDWU) and
pickup observers before flying to the northern border of the
Ironton Ranger District. After completion of this survey
the plane will return Ashland Boyd then to the Ohio
University Airport for completion of the flight. Surveying
will be accomplished at 1000-2500 feet above ground level
(AGL) primarily by flying in a parallel-line (grid), back-
and-forth pattern. Flight lines distance will vary based on
visibility, but are expected to be between 2-4 miles
(attached flight line map).

Projected Cost: Approximately \$5000.00
Projected flight hours 18 @ \$210/hr = \$3780
Miscellaneous expenses = \$1220

Aircraft: Cessna 182
Tail number –N7044S
Color-white, green

Aircraft Owners: Daniel Hill
Kentucky Airmotive Inc.
709 Airport Road
Mt. Sterling, KY 40353

Contact: Dave (859) 253-3591

Pilot: Chris Sutton*
Cell number (859) 979-7375

Participants:
Chief-of-Party: Richard Turcotte,
Training: Aerial Survey Aviation Safety and Management; 3-2002

Sketch mappers: Richard Turcotte

Observers: WNF Personnel Marietta and Athens: Dave Greenwood
(740-373-9055) H (740-678-8142) and Ironton: Gary
Dixon (740-534-6500) H (740) 377-9266

Dispatch control center: Wayne National Forest Athens District (740) 753-0101)
Dispatcher: Phil Perry (H-740-593-3806)
(740-753-0552) or Max Norris (740-753-0541)
Phone:

Flight Following: Prior to departing, the COP will assure that dispatch is contacted to alert them of the expected take off time. Flight following will be done from the ground or with 15 minute check-ins (stating approximate location and heading) to dispatch on 168.650 MHz or on secondary frequencies 164.125 MHz with (receive) tone guard of 131.8 and transmit code guard of 103.5 (Athens RD), 110.9 (Marietta RD) and 123.0 (Ironton RD). Alternate Airguard frequency 168.625 will be used in case of emergencies. Prior to departure and upon landing, Dispatch will be notified by telephone.

Aerial hazard analysis: A pre-flight pilot briefing and safety meeting will be conducted prior to commencement of operations and will include a review of the location and use of aircraft safety equipment and operational area hazards (attached forest hazard map).

Identified Hazards:
Military Training Routes: Visual Routes: VR163
Instrument Routes: IR 79,608
(Dispatch will make all appropriate Military airspace notifications.) 1-800-992-7433

Other Identified Hazards: Power Transmission Lines, Airports

Protective clothing/ Appropriate field clothing will be worn to allow for walking out of an emergency landing.

Equipment: Emergency Locator Transmitter (ELT)
First Aid/Survival Kit, Fire Extinguisher

Load Calculations: The pilot is responsible for the accurate completion of load calculations and the proper loading of the aircraft.

Emergency Notification: Dispatch will make all appropriate airspace notifications and begin emergency search and rescue operations as outlined in the R-9 Aircraft Crash, Search, and Rescue Guide, updated 01/03/03.

*Both the aircraft and pilot are certified and carded by the USDA Forest Service.

Submitted by: /s/ Richard M. Turcotte Date: June 2, 2003
Project Coordinator

Approved by: _____ Date: _____
Assistant Forest Aviation Officer

Reviewed by: _____ Date: _____
NA Unit Aviation Officer